

Farm and Garden.

What Hurts the Peaches.

A St. Catharines fruit grower writes: "I was gathering some peaches from my trees, and I did not discover a single bee among the trees, but I saw a number of wasps or hornets. I could not be sure which they were, as I am not very well posted on entomology. The flies look very much like the common house fly, but much larger. The peaches ripening now are rotting very much, and I think the most, if not all, of it is caused by the insects burrowing or boring holes through the skin of the peach, and when that is done they commence rotting directly. It might at first sight, seem strange that flies could burrow holes in fruit, but I have known many instances of flies burrowing holes into hogs' backs and dogs' ears, which I think would require much greater exertion than drilling through the skin of a peach."

Preservation of seeds.

W. D. Philbrick, in the New England Farmer, writes:—"The season for the ripening of seeds being at hand, a few words about their selection, preparation and preservation, will be acceptable to those not familiar with the art of raising them."

"In the first place, only the best specimens of each kind should be saved and all inferior ones rejected; this is easy enough with such plants as squashes, cucumbers, tomatoes, melons, etc., care being used only to save the earliest, fairest and most perfect specimens. The seed should be allowed to ripen thoroughly before taking it from the fruit, which will require some weeks with squashes, after gathering from the vine; tomatoes are placed in the sun for a few days, and melon seeds may be taken directly when the melon is fit to eat; seeds of this nature having a fleshy pulp are usually cleaned by allowing them to ferment in water for a day or two, when the pulp will easily wash off, after which the seed is spread upon a sheet in the sunshine to dry. Sometimes the fermentation is allowed to go too far and the seed is spoiled, hence some care and experience are needed to clean seed in this way, and some persons prefer to wash the seed directly from the pulp without fermenting; this ensures good seed, but it is almost impossible to make it perfectly clean without fermenting."

"The seeds of the squash and all vines easily mix with others of the same family in the neighborhood, so that when a variety is to be kept pure and true to name, it must be planted quite remote from any others of the same family. The mixing is done by the bees, who carry the pollen from flower to flower, often a quarter of a mile. It is quite difficult to grow good squash seed near a pumpkin field for this reason, and not more than one kind of melon or cucumber can be grown in the same field, and have the seed pure."

"Tomatoes, corn and beans mix less readily, but should be kept separate by some rods when pure seed is required. "Seeds of vines keep longer if not allowed to freeze; they will preserve their vitality five or six years, if kept in a warm dry place. A closet near a chimney is a good place, and since mice and rats are very fond of such tidbits as melon seeds, it will be advisable to keep them up in a tin chest or other rat proof arrangement; I know of nothing so provoking as to find some paper of choice seed all shelled out by the mice just at planting time, when it is often impossible to replace it, and when delay is always vexatious and expensive."

"When saving seeds of beets, cabbage, turnip, etc., those who are most particular reject all but the seed grown on the leading stem. Beet seed is cleaned by threshing, sifting, and picking over to get out the sticks; it varies much in size and should be separated by a sieve in order to have it run evenly through the seed drill, for it is the most troublesome of all seed to sow evenly. Perhaps some inventor will discover a method of shelling out beet seeds, so that they could be done, one of the chief items of labor in raising beets would be greatly lightened, a saving of more than half the seed would be effected also; for the beet seed as now sown is a pod containing two to five seeds each, and is so rough and uneven in shape as to give much trouble to sow it evenly with a drill, in fact to insure a good stand, very heavy seeding and laborious thinning are essential. If the pod could be crushed and the seed shelled out, it could then be drilled in as evenly as any other seed."

"When it is desirable to mix two sorts of corn, tomatoes, beans, etc., in order to get a new sort combining the good qualities of both, alternate rows of each kind are planted alongside, and the seed taken from either, will contain more or less of the character of both; it will not be a true new variety, however, until it has been grown by itself for some years; at first it will sport more or less, and breed back to the old stock of one side or the other. It is thus that our best varieties of new vegetables are produced."

"Seeds of all kinds keep best in a dry even temperature. When to be kept in large lots they may be put in bags and hung from the ceiling of the room, to keep them from the mice. Most seeds

are good for two to five years if carefully kept; onion seed, however, is very inferior after the first year, and worthless after the second. When old seed is to be used, it should be tested by sowing a counted lot in a hot bed or other suitable place, and counting the number of plants that come up, and noting the vigor of the plants; the plants from old seed are usually less vigorous than from fresh seed, and sometimes are so weak as to be worthless."

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Are you a Dyspeptic? Have you Indigestion? Is your Liver sluggish? Does your food trouble you? Does sleep fail to refresh you? Is your appetite and energy gone? Zozessa (from Brazil) will cure you, tone you up, and invigorate your whole system. It is a gentle purgative, acts as a wader upon, and gives strength and energy to the Digestive apparatus. It is strongly antibilious, carries off all surplus bile, tones the Liver, gives sound Digestion and speedy health to the Dyspeptic and the Bilitious. Try a 10 cent sample at least.

Newspaper Laws.

We call the special attention of postmasters and subscribers to the following synopsis of the newspaper laws:

- 1. A postmaster is required to give notice by letter (returning a paper does not answer the law) when a subscriber does not take his paper out of the office, and state the reasons for its not being taken. Any neglect to do so makes the postmaster responsible to the publishers for payment.
2. If any person orders his paper discontinued, he must pay all arrearages, or the publisher may continue to send it until payment is made, and collect the whole amount, whether it be taken from the office or not. There can be no legal discontinuance until the payment is made.
3. Any person who takes a paper from the post-office, whether directed to his name or another, or whether he has subscribed or not, is responsible for the pay.
4. If a subscriber orders his paper to be stopped at a certain time, and the publisher continues to send it, the subscriber is bound to pay for it if he takes it out of the post-office. This proceeds upon the ground that a man must pay for what he uses.
5. The courts have decided that refusing to take a newspaper and periodicals from the post-office, or removing and leaving them uncollected, is prima facie evidence of intentional fraud.

Do Not be Deceived.

In these times of quack medicine advertisements everywhere, it is truly gratifying to find one remedy that is worthy of praise, and which really does as recommended. Electric Bitters we can vouch for as being a true and reliable remedy, and one that will do as recommended. They invariably cure stomach and Liver Complaints, Diseases of the Kidneys and Urinary difficulties. We know whereof we speak, and can readily say, give them a trial. Sold at fifty cents a bottle, by all druggists.—[Adv.]

As a Family Medicine Dr. Carson's Stomach and Constipation Bitters are rapidly taking the place of pills, they are equally effectual, do not grip, weaken, or produce nausea and are purely vegetable. In large 8 oz. bottles at 50 cents. George Rhynas special agent for Goderich.

Nature, after all, is the great physician. She hides all the secrets of health within her breast, generous, bountiful, and manly, but to go to her intelligently for her every need. The discovery of the great Cough Remedy, GRAY'S SYRUP or RED SPRUCE GUM, is an apt illustration of this. As a cure for Coughs, Colds, Loss of Voice and Hoarseness it stands unrivalled, while its low price and readiness of access places it within the reach of all. Try it and be convinced. All chemists keep it in 25 and 50-cent bottles.—[Adv.]

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The same care and attention bestowed on the Hamilton and Toronto Directories of 1871 will be given to this work. Subscribers names, respectfully solicited. Terms of Advertisement made known upon application. JOHN LOVELL, SON, Montreal Dec. 1881. Publishers, 1789



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